

SAW Filter 135.0MHz
Part No: MP03686

Model: TB0373A
Rev No: 1

A. MAXIMUM RATING:

1. Input Power Level: 10dBm
2. DC Voltage: 5V
3. Operating Temperature: -20°C to +75°C
4. Storage Temperature: -30°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

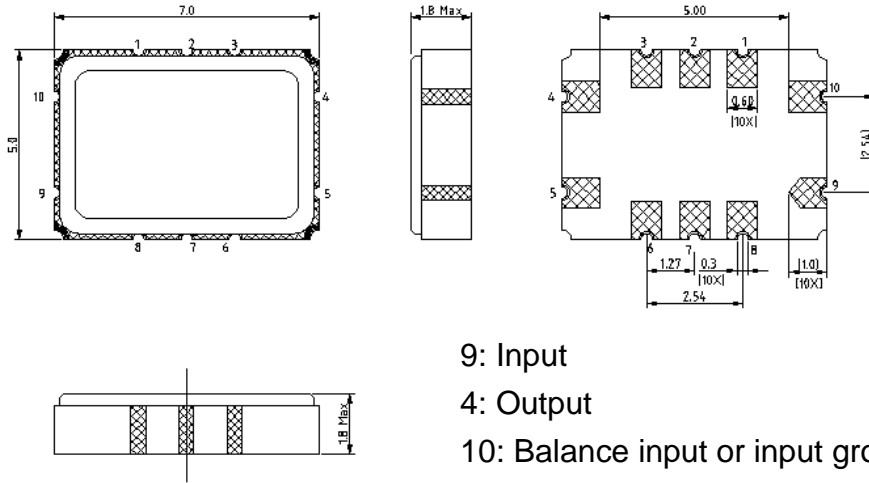
Item	Unit	Min.	Typ.	Max.	Note
Center frequency Fc	MHz	-	135	-	-
Insertion loss at Fc IL	dB	-	3.0	5.0	-
Passband Ripple (Fc ± 10.5kHz)	dB	-	0.2	1	-
3dB Bandwidth	kHz	±19	±40	-	-
Group delay deviation (Fc ± 10.5 kHz)	µsec	-	1	5	
Relative Attenuation (relative to 0dB)					
Fc ± 100kHz	dB	15	26.5	-	-
Fc ± 200kHz	dB	40	56.5	-	-
Fc - 920 kHz ~ -880kHz	dB	50	68.5	-	-
Temperature coefficient of frequency TCf	-0.032 ppm/C ²				

Note: Considering -11kHz frequency shift from -20°C to +75°C

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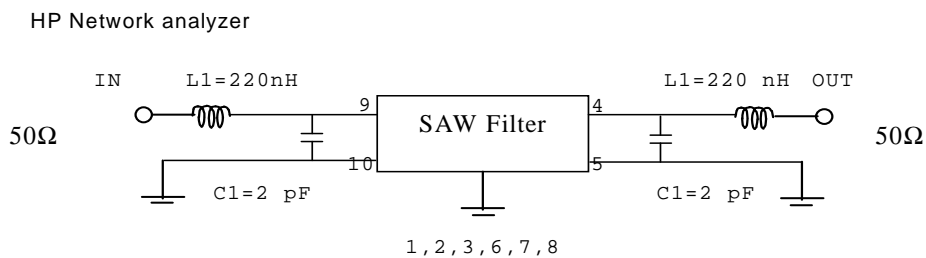
C. OUTLINE DRAWING:



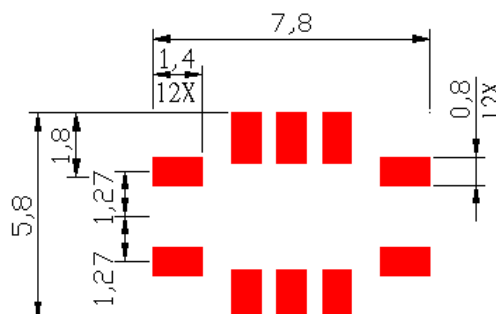
- 9: Input
 - 4: Output
 - 10: Balance input or input ground
 - 5: Balance output or output ground
 - 1, 2, 3, 6, 7, 8: To be grounded
- Unit: mm

D. MEASUREMENT CIRCUIT:

50Ω Test circuit (single-ended / single-ended)



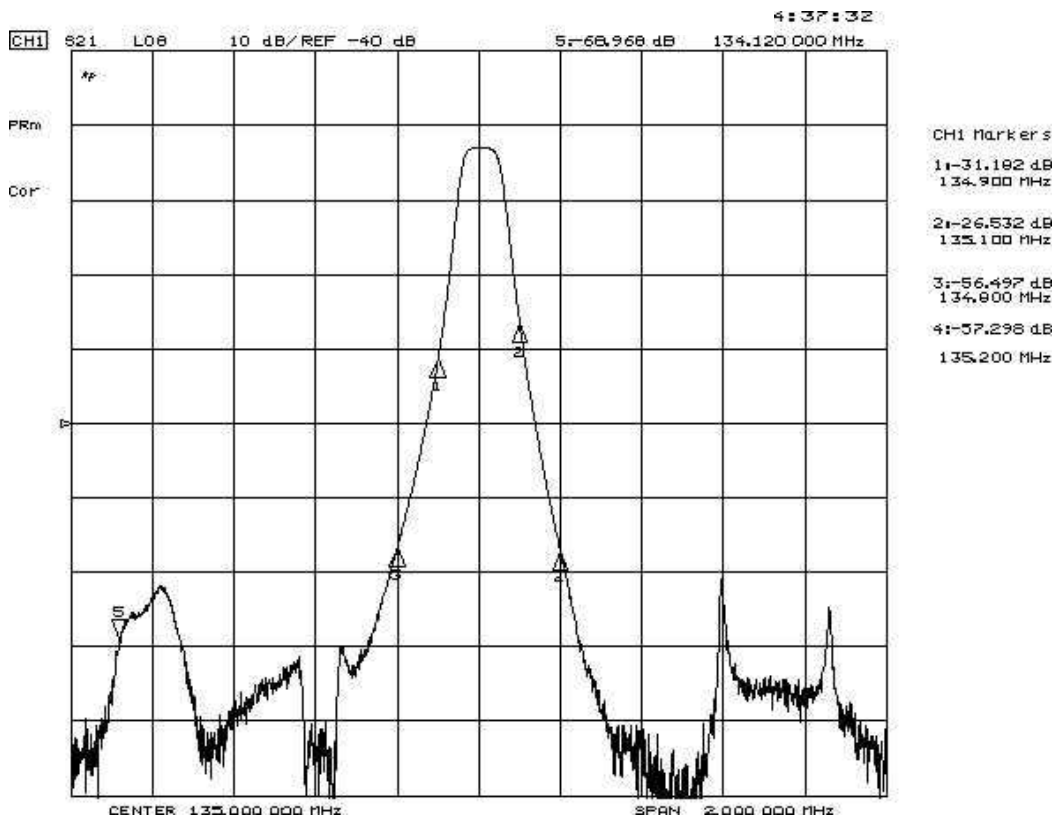
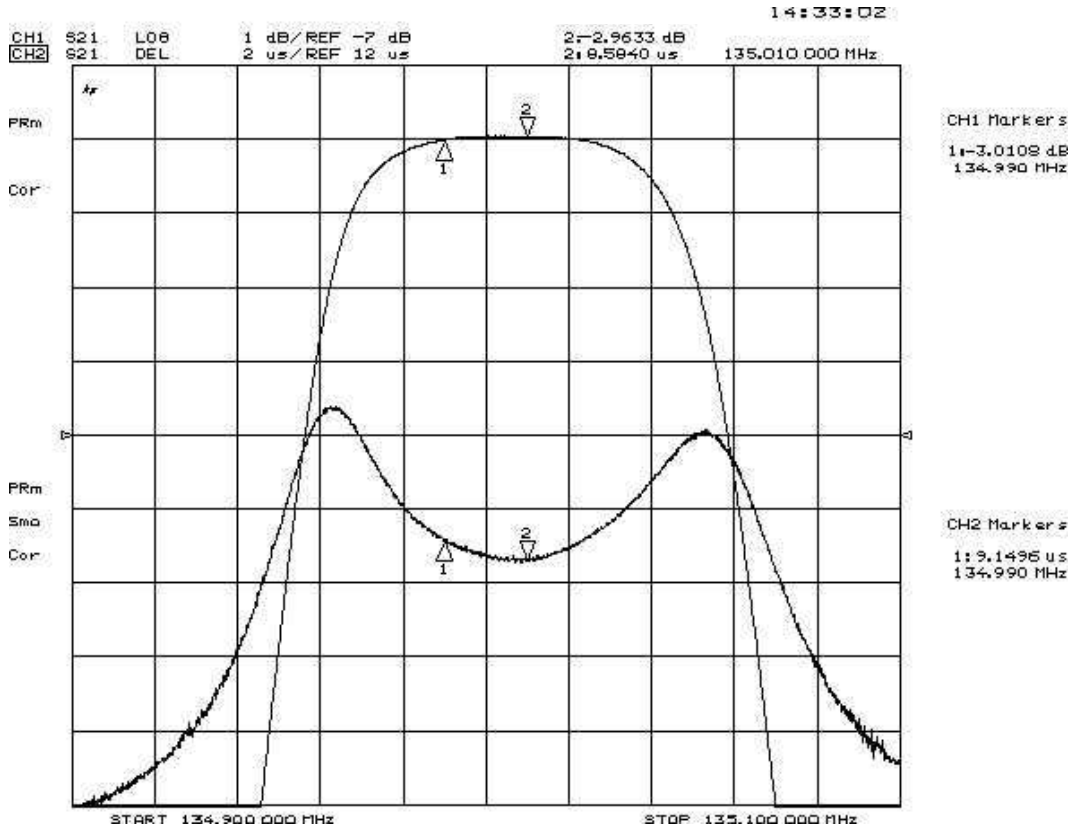
E. PCB FOOTPRINT:



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F. FREQUENCY CHARACTERISTICS:

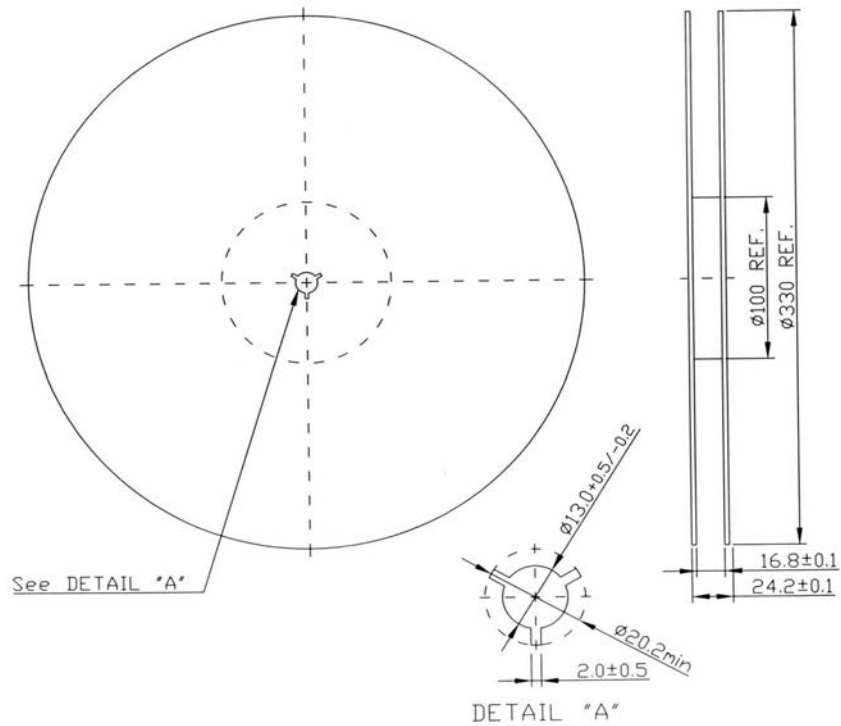


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G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

